| Notice of Allowability | Application No. | Applicant(s) | |
|---|---|---|---|
| | 09/884,940 | AZUMA, TOMIHIKO | |
| | Examiner | Art Unit | |
| | Jeffrey Smith | 3625 | |

***-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--***

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *3/13/06 and Ex. Amendment of 5/10/06*.

2. ☒ The allowed claim(s) is/are *1 – 21 and 23 - 26*.

3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☒ All b) ☐ Some* c) ☐ None of the:
      1. ☒ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 1/12/04; 3/13/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Jeffrey A. Smith
Primary Examiner

## DETAILED ACTION

### Response to Amendment

Response received on 3-13-06 is acknowledged and entered. The applicant amended claim 23, canceled claim 22 and added new claims 24 - 26 as well as traversed the rejections of claims 1 – 21 and 23.

Currently, claims 1 – 21 and 23 - 26 have been examined and are allowed.

### *Information Disclosure Statement*

The Japanese Patent Documents References cited in the IDS have been considered. However, the NPL article titled "Computer Telephony" was not considered in light of the fact there was not a translation or summary of the article in English. The Japanese article titled "Computer Telephony" has been placed in the file but it has not been considered.

## EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was provided by Mr. Aricola on May 10, 2006.

The application has been amended as follows:

**In the claims**

The claims have been amended as follows:

1. (Currently Amended) A voice signature transaction system comprising a user terminal used by a user, a server used by a person providing products or services, and a data network connecting the user terminal and the server for conducting a product or service transaction, ~~wherein~~

~~(A)~~ said user terminal comprises a voice input unit for inputting voice data, and ~~wherein~~

~~(B)~~ said server comprises a sending/receiving unit, an allocating unit, a storage unit, and a checking unit, wherein

~~(B1)~~ said sending/receiving unit being configured to:

~~(B11)~~ send~~s~~ product and service transaction information from said server to said user terminal when accessed by said user terminal,

~~(B12)~~ receive~~s~~, from said user terminal, order data including data on a product or a service and a user name, said product or service being specified ~~on said user terminal receiving the transaction information and being specified~~ from products and services included in the transaction information,

~~(B13)~~ send~~s~~, from said server, order ID request information to said user terminal, said order ID request information requesting a ~~signature~~ voice signature of an order ID of the order data ~~via voice~~, said order ID being allocated by said allocating unit in response to the order data,

~~(B14)~~ receive~~s~~, by said server, first voice data that includes order ID voice data that is input, via voice, on said user terminal receiving the order ID request information, wherein the first voice data includes the voice signature of the order ID of the order data,

~~(B15)~~ send~~s~~, from said server, name request information to said user terminal when the order ID included in the ~~received order ID~~ first voice data matches the allocated order ID, said name request information requesting to input, via voice, a voice signature of a name of a user who has placed the order,

~~(B16)~~ receive~~s~~, by said server, second voice data that includes name voice data that is input, via voice, on said user terminal receiving the name request information, wherein the second voice data includes the voice signature of the name of the user who has placed the order, and

~~(B17)~~ sends, from said server, acceptance information to said user terminal when the name included in the ~~received name~~ second voice data matches the name included in the order data, said acceptance information indicating that the order data, the ~~order ID~~ first voice data, and the ~~name~~ second voice data have been accepted~~;~~, ~~wherein~~

~~(B2)~~ said allocating unit being configured to allocate~~s~~ the order ID to the order data, ~~wherein~~

~~(B3)~~ said storage unit being configured to store~~s~~ the order data, ~~as well as~~ the ~~order ID~~ first voice data, ~~and~~ the ~~name~~ second voice data, ~~that are related to the order data~~ and ~~stores~~ the transaction information~~,~~ and ~~wherein~~

~~(B4)~~ said checking unit being configured to:

~~(B41)~~ check~~s~~ if the order ID included in the ~~received order ID~~ first voice data received by said server matches the allocated order ID, and

~~(B42)~~ checks if the name included in the ~~received name~~ second voice data received by said server matches the name included in the order data,

wherein, in a case in which said user of said user terminal denies payment of an order corresponding to the order ID ~~at a later point in time~~, said server compares, by way of a voice recognition procedure, third ~~first~~ voice data output from said user terminal ~~at a point in time~~ when denial of payment was made after the order had been made and accepted by said server, with ~~second~~ the first voice data ~~corresponding to at least one of the order ID voice data~~ and the ~~name voice~~ second voice data, ~~that is stored at said server and which was obtained from said user terminal when the order ID was~~ being ~~made at a previous point in time~~ and wherein the user is determined to either have made or not have made the order corresponding to the order ID based on whether or not [[a]] the voice recognition procedure performed by said server determines that the first voice data, ~~and~~ the second voice data and the third voice data are from a same ~~person~~. user.

2. (Currently Amended) The voice signature transaction system as defined by claim 1 wherein

~~(B5)~~ the sending/receiving unit of said server further sends date/time request information to said user terminal when the name included in the ~~received name~~ second voice data matches the name included in the order data, said date/time request information requesting to input, via voice, an order date/time, and

~~(B6)~~ receives date/time voice data that is input, via voice, on said user terminal receiving the date/time request information, and

~~(B7)~~ the storage unit of said server further stores the date/time voice data related to the order data.

3. (Currently Amended) The voice signature transaction system as defined by claim 1 wherein

the checking unit of said server further checks if a voiceprint of the ~~received order ID~~ first voice data matches a voiceprint of the ~~received name~~ second voice data and/or date/time voice data, and

the sending/receiving unit of said server further sends the acceptance information to said user terminal when the voiceprint of the ~~received order ID~~ first voice data matches the voiceprint of the ~~received name~~ second voice data and/or date/time voice data.

4. (Currently Amended) The voice signature transaction system as defined by claim 2 wherein

the checking unit of said server further checks if a voiceprint of the ~~received order ID~~ first voice data matches a voiceprint of the ~~received name~~ second voice data and/or date/time voice data, and

the sending/receiving unit of said server further sends the acceptance information to said user terminal when the voiceprint of the ~~received order ID~~ first voice data matches the voiceprint of the ~~received name~~ second voice data and/or date/time voice data.

6. (Currently Amended) The voice signature transaction system as defined by claim 1, wherein said server further comprises an output unit for outputting a voice of the first and second voice data stored in the storage unit.

8. (Currently Amended) A voice signature transaction method for use in a system comprising a user terminal used by a user, a server used by a person providing products or services, and a data network connecting the user terminal and the server for conducting a product or service transaction, said method comprising the steps by said server of:

(a) sending, from said server, product and service transaction information to said user terminal when accessed by said user terminal;

(b) receiving, by said server, order data including data on a product or a service and a user name, said product or service being specified on said user terminal

receiving the transaction information and being specified from products and services included in the transaction information;

(c) storing, by said server, the received order data;

(d) allocating, by said server, an order ID to the order data in response to receiving the order data;

(e) sending, from said server, order ID request information to said user terminal, said order ID request information requesting, via voice, a voice signature of the order ID of the order data ~~via voice~~;

(f) receiving, by said server, first voice data that includes order ID voice data that is input, via voice, on said user terminal receiving the order ID request information;

(g) storing, by said server, the ~~order ID~~ first voice data related to the order data;

(h) checking, by said server, if the ~~received order ID~~ first voice data received by said server matches the allocated order ID;

(i) sending, by said server, name request information to said user terminal when the order ID included in the ~~received order ID~~ first voice data matches the allocated order ID, ~~said~~ the name request information requesting to input, via voice, a voice signature of a name of a user who has placed the order;

(j) receiving, by said server, second voice data that includes name voice data that is input, via voice, on said user terminal receiving the name request information;

(k) checking, by said server, if the name included in the ~~received name~~ second voice data received by said server matches the name included in the order data; ~~and~~

(l) sending, by said server, acceptance information to said user terminal when the name included in the ~~received name~~ second voice data matches the name included in the order data, said acceptance information indicating that the order data, the ~~order ID~~ first voice data, and the ~~name~~ second voice data have been accepted[[,]];

(m) denying, by the user at said user terminal, payment of an order corresponding to the order ID after the order ID has been accepted, the denying being performed by way of third voice data output from said user terminal after the order has been made from said user terminal and accepted by said server;

~~(m) wherein, in a case in which said user terminal denies payment of an order corresponding to the order ID at a later point in time,~~

~~(m1)~~ (n) comparing by said server, by way of a voice recognition procedure performed by said server, the third ~~first~~ voice data ~~inputted through said voice input unit at a time corresponding to when the payment of the order was denied, is compared to~~ with the first and second voice data ~~stored at said server corresponding to at least one of the order ID voice data and the name voice data obtained from said user terminal and which was obtained by said server from said user terminal when the order ID was made at a previous point in time~~, to determine if the first voice data, the second voice data and the third voice data are from a same person; and

~~(m2)~~ (o) based on the comparing step, determining by said server whether the user ~~is determined to either have~~ had made or had not ~~have~~ made the order corresponding to the order ID based on whether or not [[a]] the voice recognition procedure ~~performed by said server~~ determines that the first voice data, ~~and~~ the second voice data and the third voice data are from [[a]] the same ~~person~~ user.

9. (Currently Amended) The voice signature transaction method as defined by claim 8, further comprising the steps, before the acceptance information is sent said user terminal, by said server of:

(p) sending date/time request information to said user terminal when the name included in the ~~received name~~ second voice data matches the name included in the order data, said date/time request information requesting to input, via voice, an order date/time;

(q) receiving date/time voice data that is input, via voice, on said user terminal receiving the date/time request information; and

(r) storing the date/time voice data related to the order data.

10. (Currently Amended) The voice signature transaction method as defined by claim 8, further comprising the steps by said server of:

(p) checking if a voiceprint of the ~~received order ID~~ first voice data matches a voiceprint of the ~~received name~~ second voice data and/or date/time voice data, and

(q) sending the acceptance information to said user terminal when the voiceprint of the ~~received order ID~~ first voice data matches the voiceprint of the ~~received name~~ second voice data and/or date/time voice data.

11. (Currently Amended) The voice signature transaction method as defined by claim 9, further comprising the steps by said server of:

(s) checking if a voiceprint of the ~~received order ID~~ first voice data matches a voiceprint of the ~~received name~~ second voice data and/or date/time voice data, and

(t) sending the acceptance information to said user terminal when the voiceprint of the ~~received order ID~~ first voice data matches the voiceprint of the ~~received name~~ second voice data and/or date/time voice data.

13. (Currently Amended) The voice signature transaction method as defined by claim 8, further comprising the step by said server of outputting a voice of the stored first and second voice data.

15. (Currently Amended) A computer-readable medium that has stored therewithin a computer-readable program for use in a system comprising a user terminal used by a user, a server used by a person providing products or services, and a data network connecting the user terminal and the server for conducting a product or service transaction, said program causing said server to perform the steps of:

sending, by said server, product and service transaction information to said user terminal when accessed by said user terminal;

receiving, by said server, order data including data on a product or a service and a user name, said product or service being specified on said user terminal receiving the transaction information and being specified from products and services included in the transaction information;

storing, by said server, the received order data;

allocating, by said server, an order ID to the order data in response to receiving the order data;

sending, from said server, order ID request information to said user terminal, said order ID request information requesting, via voice, a voice signature of the order ID of the order data ~~via voice~~;

receiving, by said server, first voice data that includes order ID voice data that is input, via voice, on said user terminal receiving the order ID request information;

storing, by said server, the ~~order ID~~ first voice data related to the order data;

checking, by said server, if the ~~received order~~ first voice ID voice data received by said server matches the allocated order ID;

sending, from said server, name request information to said user terminal when the order ID included in the ~~received order ID~~ first voice data matches the allocated order ID, ~~said~~ the name request information requesting to input, via voice, a voice signature of a name of a user who has placed the order;

receiving, by said server, second voice data that includes name voice data that is input, via voice, on said user terminal receiving the name request information;

checking, by said server, if the name included in the ~~received name~~ second voice data received by said server matches the name included in the order data; ~~and~~

sending, from said server, acceptance information to said user terminal when the name included in the ~~received name~~ second voice data matches the name included in the order data, said acceptance information indicating that the order data, the ~~order ID~~ first voice data, and the ~~name~~ second voice data have been accepted[[,]];

denying payment, by the user at said user terminal, of an order corresponding to the order ID after the order ID has been accepted, the denying being performed by way of third voice data output from said user terminal after the order has been made from said user terminal and accepted by said server;

~~wherein, in a case in which said user terminal denies payment of an order corresponding to the order ID at a later point in time, said server compares~~ comparing, by way of a voice recognition procedure performed by said server, said third ~~first~~ voice data ~~output from said user terminal at a point in time when denial of payment was made~~ with said first and second voice data ~~corresponding to at least one of the order ID voice data and the name voice data that is stored at said server and which was obtained from said user terminal when the order ID was made at a previous point in time~~, to determine if the first voice data, the second voice data and the third voice data are from a same person; and

~~wherein~~ based on the comparing step, determining by said server whether the user ~~is determined to either have~~ had made or had not have made the order corresponding to the order ID based on whether or not [[a]] the voice recognition

procedure ~~performed by said server~~ determines that the first voice data, ~~and~~ the second voice data and the third voice data are from [[a]] the same ~~person~~ user.

16. (Currently Amended) The computer-readable medium as defined by claim 15, wherein, before the acceptance information is sent said user terminal, said program further causes said server to perform the steps of:

sending date/time request information to said user terminal when the name included in ~~the received name~~ second voice data matches the name included in the order data, said date/time request information requesting to input, via voice, an order date/time;

receiving date/time voice data that is input, via voice, on said user terminal receiving the date/time request information; and

storing the date/time voice data related to the order data.

17. (Currently Amended) The computer-readable medium as defined by claim 15, wherein said program further causes said server to perform the steps of:

checking if a voiceprint of the ~~received order ID~~ first voice data matches a voiceprint of the ~~received name~~ second voice data and/or date/time voice data, and

sending the acceptance information to said user terminal when the voiceprint of the ~~received order ID~~ first voice data matches the voiceprint of the ~~received name~~ second voice data and/or date/time voice data.

18. (Currently Amended) The computer-readable medium as defined by claim 16, wherein said program further causes said server to perform the steps of:

checking if a voiceprint of the ~~received order ID~~ first voice data matches a voiceprint of the ~~received name~~ second voice data and/or date/time voice data, and

sending the acceptance information to said user terminal when the voiceprint of the ~~received order ID~~ first voice data matches the voiceprint of the ~~received name~~ second voice data and/or date/time voice data.

25. (Currently Amended) The voice signature transaction system as defined in claim 2, wherein a combination of said date/time voice data, said ~~order ID~~ first voice data, and said ~~name~~ second voice data are stored together in said storage unit of said server as signature data corresponding to said order ID.

26. (Currently Amended) The voice signature transaction method as defined in claim 10, wherein a combination of said date/time voice data, said ~~order ID~~ first voice data, and said ~~name~~ second voice data are stored together in said storage unit of said server as signature data corresponding to said order ID.

**Reasons for Allowance**

The Applicant's invention in claims 1 – 21 and 23 - 26 are directed to a method and system for voice signature recognition, which includes multiple checks of a user's voice in placing an order for a product or a service. In claim 8 for example, the claim is

directed to a novel and non-obvious method and system for a voice signature transaction system for use in electronic commerce, which comprises a user terminals, a server, and a data network. The server receives order data from a user, allocates an order ID to the order data, requests the user to enter, via voice, a plurality of signatures such as a name, ID and checks if the registered name and ID match the name and ID included in the voice data, and stores the voice data received from the user. Thereby, the invention claimed in the independent claims are distinguished from prior art of record by the fact that a method and system for a voice signature transaction method for use in a system comprising a user terminal used by a user, a server used by a person providing products or services, and a data network connecting the user terminal and the server for conducting a product or service transaction, said method comprising the steps by said server of: **(e) sending, from said server, order ID request information to said user terminal, said order ID request information requesting, via voice, a voice signature of the order ID of the order data; (f) receiving, by said server, first voice data that includes order ID voice data that is input, via voice, on said user terminal receiving the order ID request information; (g) storing, by said server, the first voice data related to the order data; (h) checking, by said server, if the first voice data received by said server matches the allocated order ID; (i) sending, by said server, name request information to said user terminal when the order ID included in the first voice data matches the allocated order ID, the name request information requesting to input, via voice, a voice signature of a name of a user who has placed the order; (j) receiving, by said server, second voice data**

**that includes name voice data that is input, via voice, on said user terminal receiving the name request information; (k) checking, by said server, if the name included in the second voice data received by said server matches the name included in the order data; (l) sending, by said server, acceptance information to said user terminal when the name included in the second voice data matches the name included in the order data, said acceptance information indicating that the order data, the first voice data, and the second voice data have been accepted; (m) denying, by the user at said user terminal, payment of an order corresponding to the order ID after the order ID has been accepted, the denying being performed by way of third voice data output from said user terminal after the order has been made from said user terminal and accepted by said server; (n) comparing by said server, by way of a voice recognition procedure performed by said server, the third voice data with the first and second voice data to determine if the first voice data, the second voice data and the third voice data are from a same person; and (o) based on the comparing step, determining by said server whether the user had made or had not made the order corresponding to the order ID based on whether or not the voice recognition procedure determines that the first voice data, the second voice data and the third voice data are from the same user.**

Discussion of the most relevant prior art, which does not disclose the invention as stated in claim 8:

**A. US Patents and PG-Pubs.**

(i) US Patent US 20030069844 A1 to Koren discloses a method for a transaction handling system automatically executes of transactions for users. The system includes a database of information of users that are registered with the system and information for transactions that are registered with the system. The system may assign a transaction code to registered transactions and may assign a user identification code to registered users. A user may request a transaction by sending a communication to the system that comprises a transaction code and the user's identification code to request a transaction. Users may be registered and may be assigned an identification code or number. Registration may involve recording one or more communications addresses from which the user may access the system, recording billing information of a user, recording shipping information of a user, etc. If desired, unique identification codes may be assigned to allow the system to identify the user and the user's account based on the identification code. In some embodiments, the identification code may not be a unique code in the system. In such situation, an identification code may be used in combination with other parameters to identify the user and the user's account. Other parameters may include the user's Social Security number, the user's telephone numbers, etc. Other

parameters may also include voice recognition, the recognition of a spoken word, the determination that user access is from a communications address that the user registered with the system. Thereby, Koren does not teach a method comprising:(e) sending, from said server, order ID request information to said user terminal, said order ID request information requesting, via voice, a voice signature of the order ID of the order data; (f) receiving, by said server, first voice data that includes order ID voice data that is input, via voice, on said user terminal receiving the order ID request information; (g) storing, by said server, the first voice data related to the order data; (h) checking, by said server, if the first voice data received by said server matches the allocated order ID; (i) sending, by said server, name request information to said user terminal when the order ID included in the first voice data matches the allocated order ID, the name request information requesting to input, via voice, a voice signature of a name of a user who has placed the order; (j) receiving, by said server, second voice data that includes name voice data that is input, via voice, on said user terminal receiving the name request information; (k) checking, by said server, if the name included in the second voice data received by said server matches the name included in the order data; (l) sending, by said server, acceptance information to said user terminal when the name included in the second voice data matches the name included in the order data, said acceptance information indicating that the order data, the first voice data, and the second voice data have been accepted; (m) denying, by the user at said user terminal, payment of an order corresponding to the order ID after the order ID has been accepted, the denying being performed by way of third voice data output from said user

terminal after the order has been made from said user terminal and accepted by said server; (n) comparing by said server, by way of a voice recognition procedure performed by said server, the third voice data with the first and second voice data to determine if the first voice data, the second voice data and the third voice data are from a same person; and (o) based on the comparing step, determining by said server whether the user had made or had not made the order corresponding to the order ID based on whether or not the voice recognition procedure determines that the first voice data, the second voice data and the third voice data are from the same user. Therefore, this online system and method disclosed by Koren fails to anticipate the above bolded unique limitations or render them obvious.

(ii) US 6,445,775 B1 to Morganstein discloses a method and system for a computer-based system for identifying an unidentified caller includes a database that contains utterance data corresponding to a known caller. A processing system coupled to the database receives utterance information corresponding to the unidentified caller and compares the utterance information with the utterance data to identify the unidentified caller as the known caller. In response, the processing system provides a call routing option. Thereby, Morganstein does not teach a method comprising: (e) sending, from said server, order ID request information to said user terminal, said order ID request information requesting, via voice, a voice signature of the order ID of the order data; (f) receiving, by said server, first voice data that includes order ID voice data that is input, via voice, on said user terminal receiving the order ID request information;

(g) storing, by said server, the first voice data related to the order data; (h) checking, by said server, if the first voice data received by said server matches the allocated order ID; (i) sending, by said server, name request information to said user terminal when the order ID included in the first voice data matches the allocated order ID, the name request information requesting to input, via voice, a voice signature of a name of a user who has placed the order; (j) receiving, by said server, second voice data that includes name voice data that is input, via voice, on said user terminal receiving the name request information; (k) checking, by said server, if the name included in the second voice data received by said server matches the name included in the order data; (l) sending, by said server, acceptance information to said user terminal when the name included in the second voice data matches the name included in the order data, said acceptance information indicating that the order data, the first voice data, and the second voice data have been accepted; (m) denying, by the user at said user terminal, payment of an order corresponding to the order ID after the order ID has been accepted, the denying being performed by way of third voice data output from said user terminal after the order has been made from said user terminal and accepted by said server; (n) comparing by said server, by way of a voice recognition procedure performed by said server, the third voice data with the first and second voice data to determine if the first voice data, the second voice data and the third voice data are from a same person; and (o) based on the comparing step, determining by said server whether the user had made or had not made the order corresponding to the order ID based on whether or not the voice recognition procedure determines that the first voice

data, the second voice data and the third voice data are from the same user. Therefore, this online system and method disclosed by Morganstein fails to anticipate the above bolded unique limitations or render them obvious.

**B. Non Patent Literature**

(iii) "Periphonics Partners with T-NETIX to Enhance Automated Transaction Processing Services with Voice Verification Capabilities", PR newswire; Jun 25, 1998 and hereafter referred to as "Capabilities" discloses a SpeakEZ Voice Print technology for voice prompting a caller for voice verification purposes. The SpeakEZ system will then compare the spoken word(s) with the caller's previously enrolled voiceprint, which is stored on a server. Capabilities thereby does not disclose a method comprising: :(e) sending, from said server, order ID request information to said user terminal, said order ID request information requesting, via voice, a voice signature of the order ID of the order data; (f) receiving, by said server, first voice data that includes order ID voice data that is input, via voice, on said user terminal receiving the order ID request information; (g) storing, by said server, the first voice data related to the order data; (h) checking, by said server, if the first voice data received by said server matches the allocated order ID; (i) sending, by said server, name request information to said user terminal when the order ID included in the first voice data matches the allocated order ID, the name request information requesting to input, via voice, a voice signature of a name of a user who has placed the order; (j) receiving, by said server, second voice data that includes

name voice data that is input, via voice, on said user terminal receiving the name request information; (k) checking, by said server, if the name included in the second voice data received by said server matches the name included in the order data; (l) sending, by said server, acceptance information to said user terminal when the name included in the second voice data matches the name included in the order data, said acceptance information indicating that the order data, the first voice data, and the second voice data have been accepted; (m) denying, by the user at said user terminal, payment of an order corresponding to the order ID after the order ID has been accepted, the denying being performed by way of third voice data output from said user terminal after the order has been made from said user terminal and accepted by said server; (n) comparing by said server, by way of a voice recognition procedure performed by said server, the third voice data with the first and second voice data to determine if the first voice data, the second voice data and the third voice data are from a same person; and (o) based on the comparing step, determining by said server whether the user had made or had not made the order corresponding to the order ID based on whether or not the voice recognition procedure determines that the first voice data, the second voice data and the third voice data are from the same user. Therefore, this online system and method disclosed by "Capabilities" fails to anticipate the above bolded unique limitations or render them obvious.

**C. Foreign Patent Literature**

(iv) (EP 598469 A2) to Dunlevy discloses a method for an INTERACTIVE CREDIT CARD FRAUD CONTROL PROCESS system utilizes a computer with telephone interface, memory, voice recognition software and hardware, and an information archive and retrieval process. A computer program is used to automatically and electronically control the determination of the caller as the authorized credit card holder, or conversely an unauthorized perpetrator attempting to make a credit card transaction. The telephone interface is connected to a telephone line and the caller dials a number that connects the caller with the present invention, which then captures certain information about the incoming call and creates a permanent Record Stamp of the call to which transactional information is added as the call progresses. The caller is asked question prompts, and the system receives voice and touch tone responses from the caller from which the system determines if a VoicePrint is applicable. The caller responses are managed by the present invention in a method that determines if the caller is the authorized credit card holder, and if the caller is not the authorized credit card holder the present invention captures information that can lead to the capture and conviction of the caller as a credit card fraud felon. The present invention uses the caller's spoken voice print of the card holder's name as one of the determining factors to determine if the caller is the authorized credit card holder. Thereby, Dunlevy does not disclose a method comprising: (e) sending, from said server, order ID request information to said user terminal, said order ID request information requesting, via voice, a voice signature of the order ID of the order data; (f) receiving, by said server,

first voice data that includes order ID voice data that is input, via voice, on said user terminal receiving the order ID request information; (g) storing, by said server, the first voice data related to the order data; (h) checking, by said server, if the first voice data received by said server matches the allocated order ID; (i) sending, by said server, name request information to said user terminal when the order ID included in the first voice data matches the allocated order ID, the name request information requesting to input, via voice, a voice signature of a name of a user who has placed the order; (j) receiving, by said server, second voice data that includes name voice data that is input, via voice, on said user terminal receiving the name request information; (k) checking, by said server, if the name included in the second voice data received by said server matches the name included in the order data; (l) sending, by said server, acceptance information to said user terminal when the name included in the second voice data matches the name included in the order data, said acceptance information indicating that the order data, the first voice data, and the second voice data have been accepted; (m) denying, by the user at said user terminal, payment of an order corresponding to the order ID after the order ID has been accepted, the denying being performed by way of third voice data output from said user terminal after the order has been made from said user terminal and accepted by said server; (n) comparing by said server, by way of a voice recognition procedure performed by said server, the third voice data with the first and second voice data to determine if the first voice data, the second voice data and the third voice data are from a same person; and (o) based on the comparing step, determining by said server whether the user had made or had not made the order

corresponding to the order ID based on whether or not the voice recognition procedure determines that the first voice data, the second voice data and the third voice data are from the same user. This method and system disclosed by Dunlevy fails to anticipate the above bolded unique limitations or render them obvious.

## Conclusion

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."